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U.S. DEPARTMENT OF LAB
Occupational Safety and Health Administration

Form Approved
OMB No. 44-R1387

MATERIAL SAFETY DATA SHEET

DPM 5092

Required under USDL Safety and Health Regulations for Ship Repairing,
Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

Reducer, Enamel

SECTION I

MANUFACTURER'S NAME E. I. du Pont de Nemours & Co., Inc.		EMERGENCY TELEPHONE NO. (302) 774-7500
ADDRESS (Number, Street, City, State, and ZIP Code) DuPont, F&F Wilmington, Delaware 19898		
CHEMICAL NAME AND SYNONYMS N.A.		TRADE NAME AND SYNONYMS N.A.
CHEMICAL FAMILY Dulux® Reducer	FORMULA T-8522 (12/10/65) (8522-S)	

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VERBODEN Approx.		PPM	METALLIC COATINGS		
SOLVENTS Aliphatic Pet. Dist*	25	400	FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIONS Aromatic Pet. Dist**	9	100	OTHERS		
ADDITIONS Xylene	66	100	Approximate		
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)

SECTION III - PHYSICAL DATA

BOILING POINT (°F.) Approx. Range	275-419	SPECIFIC GRAVITY (H ₂ O=1)	0.840
VAPOR PRESSURE (mm Hg.) Principal Solvent	10	PERCENT VOLATILE BY VOLUME (%)	99.99
VAPOR DENSITY (AIR=1) Principal Solvent	3.7	EVAPORATION RATE (<u> Ether </u> = 1)	Slower than Ether
SOLUBILITY IN WATER	Negligible		
APPEARANCE AND ODOR Clear, free-flowing liquid; moderate solvent odor			

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used) Between 73° & 100° F (C.C.)	FLAMMABLE LIMITS Approximate	Lel	Uel
		1.0	7.0
EXTINGUISHING MEDIA Foam, Carbon Dioxide, Dry Chemical			
SPECIAL FIRE FIGHTING PROCEDURES Water from fog nozzles may be used to cool closed containers to prevent pressure build-up when exposed to extreme heat.			
UNUSUAL FIRE AND EXPLOSION HAZARDS N.A.			E
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SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE *Aliphatic by analogy to heptane & octane
 See Section II **Aromatic by analogy to xylene
 EFFECTS OF OVEREXPOSURE
 Headache, nausea, impairment of reaction time and coordination

EMERGENCY AND FIRST AID PROCEDURES

Inhalation - Move to fresh air to restore breathing.
 Skin contact - Wash with soap and water. Remove contaminated clothing.
 Eye contact - Flush with water for at least 15 minutes; call a physician

SECTION VI - REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	N.A.

INCOMPATIBILITY (Materials to avoid) None reasonably foreseeable

HAZARDOUS DECOMPOSITION PRODUCTS

CO, CO₂, Smoke

HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	N.A.

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
 Avoid prolonged contact with skin and breathing of vapor.

Remove sources of ignition. Remove with inert absorbent and non-sparking tools.

Ventilate area.

WASTE DISPOSAL METHOD Disposal method must comply with Local, State, and Federal Regulations.

SECTION VIII - SPECIAL PROTECTION INFORMATION

Use adequate ventilation. A cartridge-type respirator, used in accordance with the
 RESPIRATORY PROTECTION (Specify type) manufacturer directions is recommended if engineering and
 administrative controls of air contaminants is not feasible.

VENTILATION	LOCAL EXHAUST Provide sufficient ventilation to keep	SPECIAL Remove sources of ignition
	MECHANICAL (General) below given TLV & LEL	OTHER N.A.

PROTECTIVE GLOVES Use for prolonged or repeated contact	EYE PROTECTION Use safety eyewear to prevent splashes
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OTHER PROTECTIVE EQUIPMENT Use appropriate industrial hygiene practices

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING
 Keep away from heat, sparks, and open flame. Close container after each use.

Do not store above 120°F.

OTHER PRECAUTIONS
 Wash thoroughly after handling and before eating or smoking.

Observe Label Precautions. Containers should be grounded when pouring.

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NOTICE FROM DUPONT

"The data in this Material Safety Data Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process."

Form OSHA

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